# Proposed Electronic Data Submission

Presentation Outline

Where is this Guideline in the Tentative M.R.P.s? What are the Proposed Guidelines? Why was Electronic Data Submittal Incorporated? What is "SWAMP Comparable Format"? How to Submit SWAMP Comparable Formatted Data? How to Begin Collecting SWAMP Comparable Formatted Data? What Tools Will Be Available? Other Questions?

Where is this Guideline in the Tentative M.R.P.s?



Ex: Page 14. Coalition Group M.R.P. Section III. Reporting Requirements. Sub-Section C. Monitoring Reports Paragraph 3.

Actual Text on Next Slide

What are the Proposed Guidelines?

#### Main Points

- Electronic submittal of the corresponding field and laboratory data shall be included within each monitoring report.
- The data must be submitted in a SWAMP comparable format.
- The data must include all sample results as well as field and laboratory quality control results, including toxicity analysis replicates and in-test water quality parameters.
- Prior to submission, the data shall be reviewed by the Coalition Group and determined to be free of errors and meeting the project quality assurance acceptance guidelines outlined in the Coalition Group QAPP.

Why was Electronic Data Submittal Incorporated?

#### The Water Code:

13166. The state board, with the assistance of the regional boards, shall prepare and implement a statewide water quality information storage and retrieval program. Such program shall be coordinated and integrated to the maximum extent practicable with data storage and retrieval programs of other agencies.

SWAMP (Surface Water Ambient Monitoring Program) Focus & Goals

•Is a response to Water Code Sections 13160-

•To integrate and coordinate existing water quality monitoring activities of the Water Boards and other Monitoring Programs: "coordinate a statewide framework of high quality, consistent, and scientifically defensible methods and strategies to improve the monitoring, assessment, and reporting of California's water quality."

•Has put together tools and guidelines for consistency and coordination of monitoring efforts throughout the state.

Where does the Irrigated Lands Conditional Waiver Program fit in?

Under the Programmatic Goal of a Long-term Effort to Address Water Quality Issues from Agricultural Discharges:

Consolidation of  $\underline{\text{all monitoring efforts}}$  in a consistent electronic format.

Use the same format as required by the Prop 50 Agricultural Grants and others (Ex. 319, Prop 40,13).

Provide Tools and Assistance to Stakeholders to ease Data Management and Flow from Field to Report Submission.

Coordinate with other state-wide entities, agencies, and stakeholders.

Meet the state-wide consistency goals.

Long-Term Cost-Effective Measure for both the Program and Stakeholders.

What is SWAMP Comparable Format? (Brief Introduction)

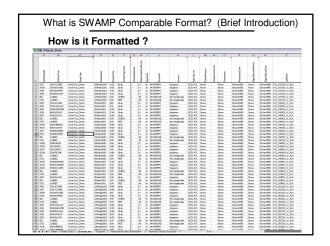
# What is Collected/Recorded ?

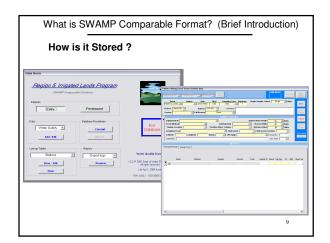
The collection of base information to scientifically defend each sample taken and each sample analyzed.

The recording of all sample results as well as field and laboratory quality control results, including toxicity analysis replicates and in-test water quality parameters. This allows:

- -The determination of Quality Objectives
- -Independent, programmatic and state-wide levels of data analysis.

The ultimate goal being: scientifically defensible, consistently formatted, comparable electronic data.



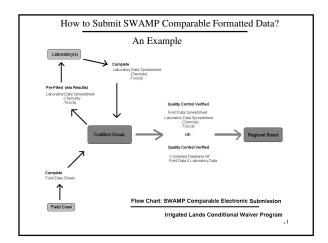


Proposed Electronic Data Submission
May Occur at Two Levels:

Complete Spreadsheets / Data
Package

OR

Copy of Complete Database



How to Begin Collecting SWAMP Comparable Formatted Data? Consistent data gathering starts at the field SWAMP comparable field sheets (suggested not required) Minimum base information collected for each site and sample. Start the data entry process with Field Data and Observations recorded. What can the laboratory provide? Some laboratories already provide SWAMP formatted data Some can provide very close formats that can be easily converted/formatted What to do with the data after its released by the labs? Did the Lab certify its correctness? (data entry and appropriate QC) Compare it against your Q.A.P.P. Did it meet your 12

Requirements?

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## What Tools Will Be Available?

The ILP Website will Potentially Have Available:

-Links to the Moss Landing Marine Labs SWAMP site.
-SWAMP Comparable Templates for:
Chemistry

Toxicity
Field Observations
Field Data/Measurements

Customizable Field Sheets
-Instruction Manuals For Spreadsheet and Database Use

-Link to an FTP site for Data Transfers

Other Tools:

Work-Shops Technical Support

What Tools Would Your Group Need?

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## Other Questions?

Will Paper Copies or Copies on CDs of the Formal Reports Still be Required?

Yes.

### When will this Proposed Guideline go into Effect?

Complete Electronic Data Submittal is proposed to be required with the subsequent December 31st Monitoring Report after the approval by the Board or Executive Officer.

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